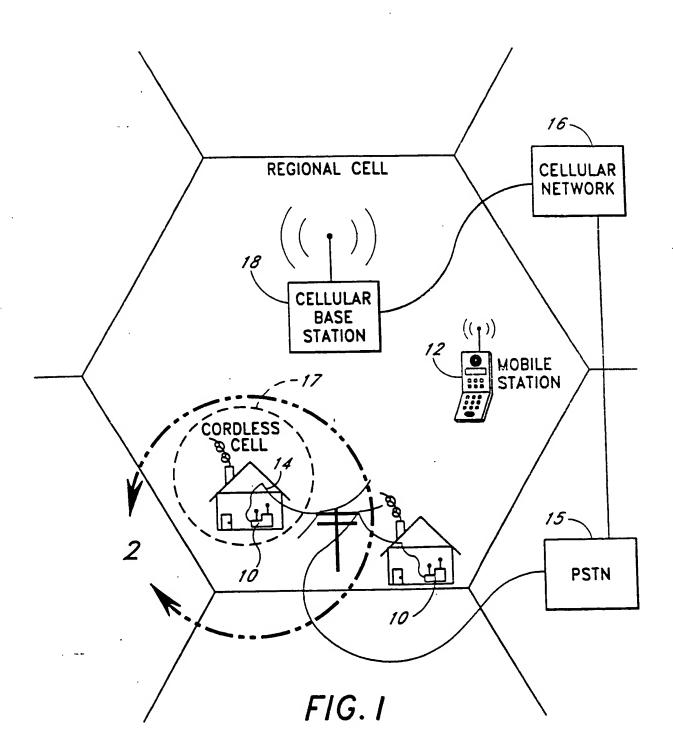
Title: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 1 of 23)



<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 2 of 23)

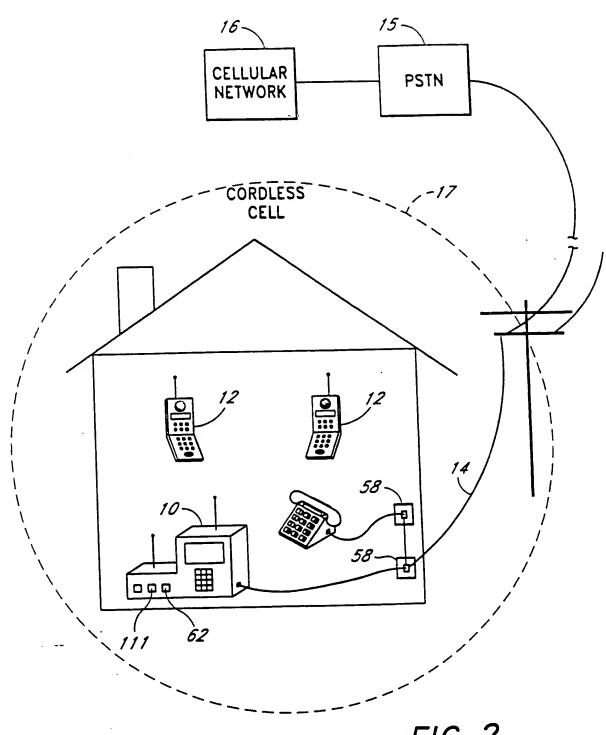
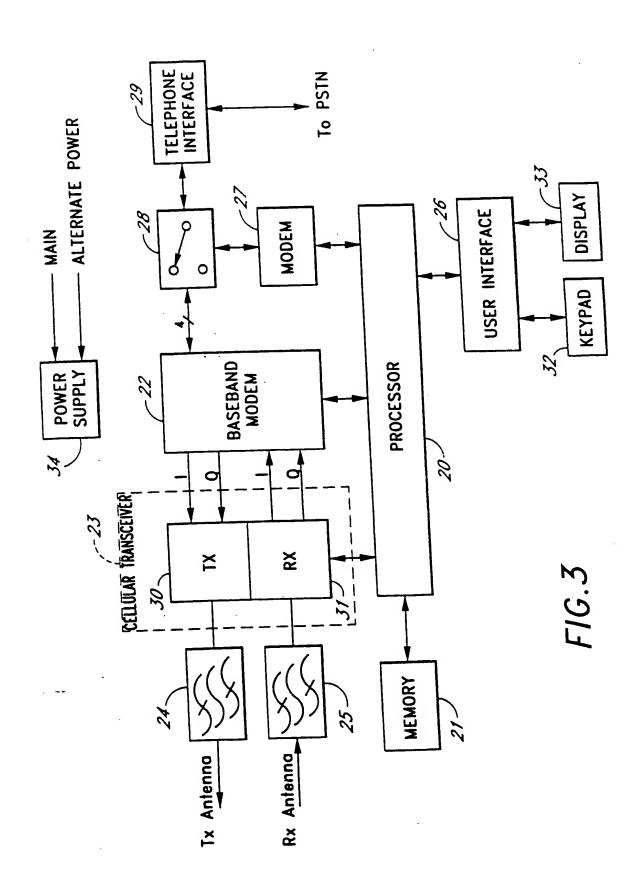


FIG. 2

Title: CORDLESS CELLULAR SYSTEM
Inventor(s): RAFFEL, et al.
Express Mail Label No.: EL979742633US
Attorney Docket No.:10194-8010.US.11(Drawing 3 of 23)



<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 4 of 23)

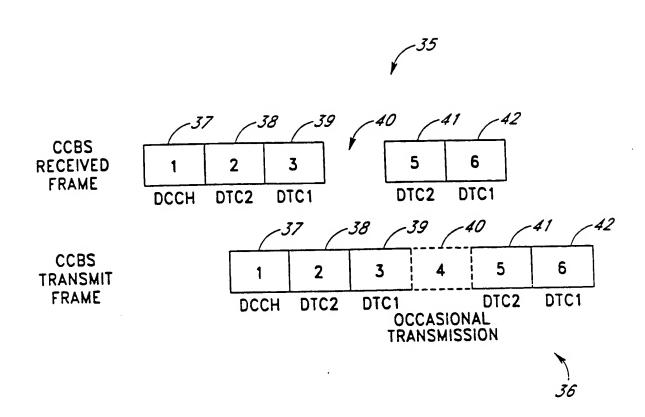


FIG. 4

Inventor(s): RAFFEL, et al.

Express Mail Label No.: EL979742633US

Attorney Docket No.:10194-8010.US.11(Drawing 5 of 23)

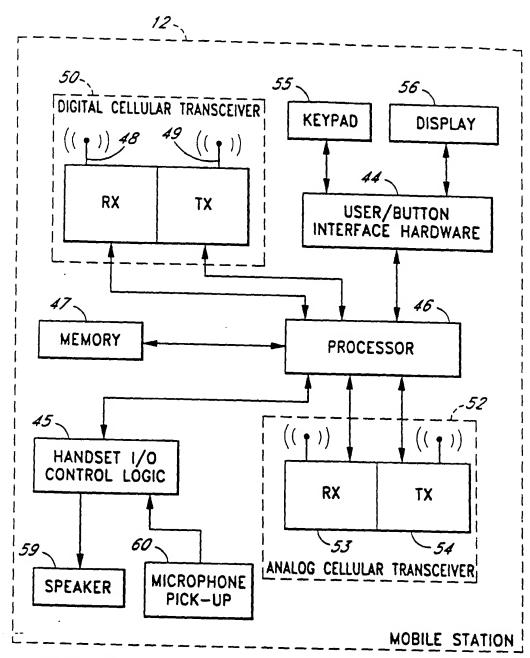
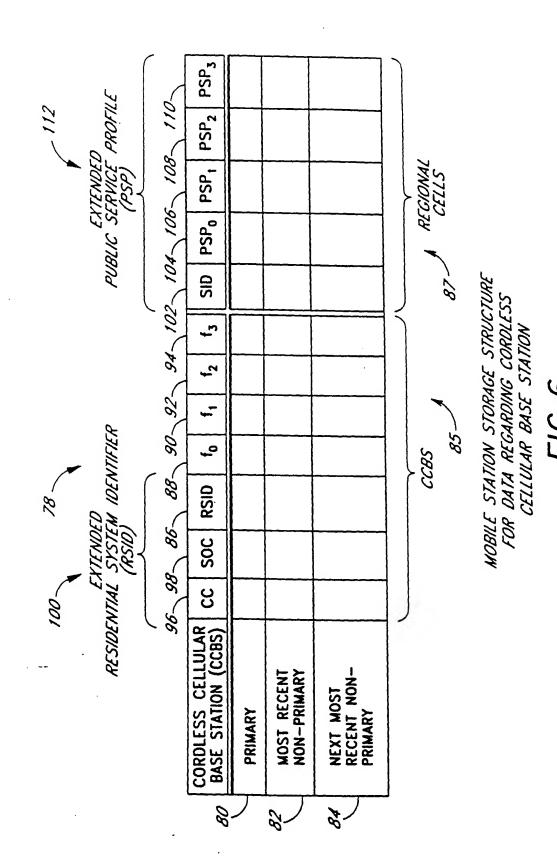


FIG.5

Inventor(s): RAFFEL, et al.
Express Mail Label No.: EL979742633US
Attorney Docket No.:10194-8010.US.11(Drawing 6 of 23)



<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 7 of 23)

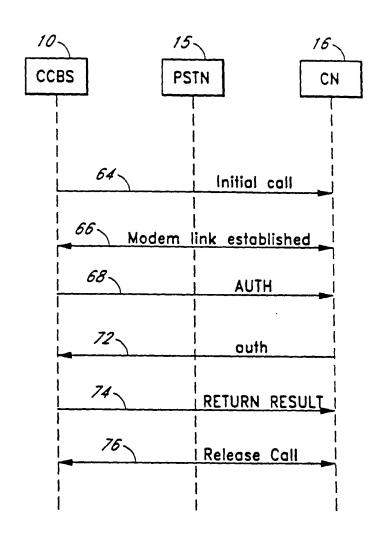


FIG. 7

<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 8 of 23)

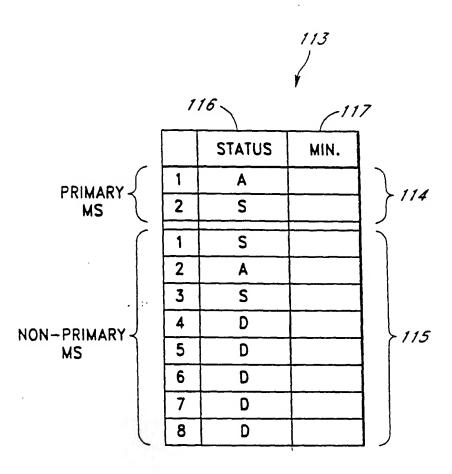


FIG.8

Inventor(s): RAFFEL, et al.

Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 9 of 23)

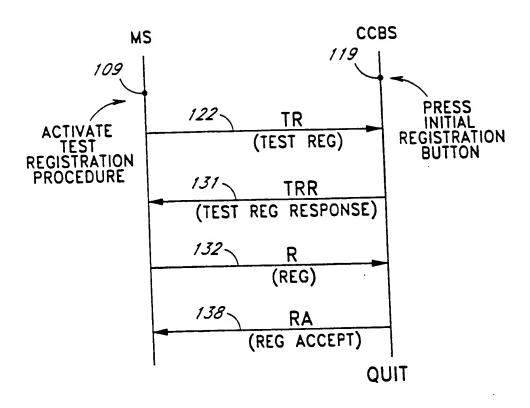


FIG.9

Title: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 10 of 23) INITIAL REGISTRATION **PROCEDURE** FIG. 10a -120 INITIAL **REG BUTTON** DEPRESSED FIG. 105 -121 START FIG. 10 NEW_REG TIMER -123 IS-136 TEST REG NO MESSAGE RECEIVED 125 NEW_REG YES ON, TIMER **EXPIRED** -124 IS # OF NON-PRIMARY MOBILES YES YES IN REGISTRATION LIST < MAX QUIT NO -127 IS A NON-PRIMARY MOBILE ON, IN REGISTRATION LIST -129 DORMANT SEND NEGATIVE YES TEST REG.

-128 RESPONSE REMOVE MOBILE WITH LONGEST INACTIVITY TIME -126 ADD MOBILE STATION TO FIG. 10a REGISTRATION LIST

Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US

Attorney Docket No.:10194-8010.US.11(Drawing 11 of 23)

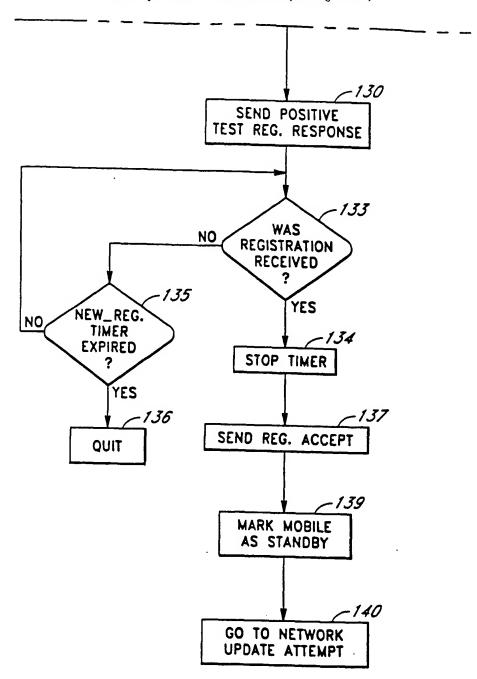


FIG. 10b

Inventor(s): RAFFEL, et al.

Express Mail Label No.: EL979742633US

Attorney Docket No.:10194-8010.US.11(Drawing 12 of 23)

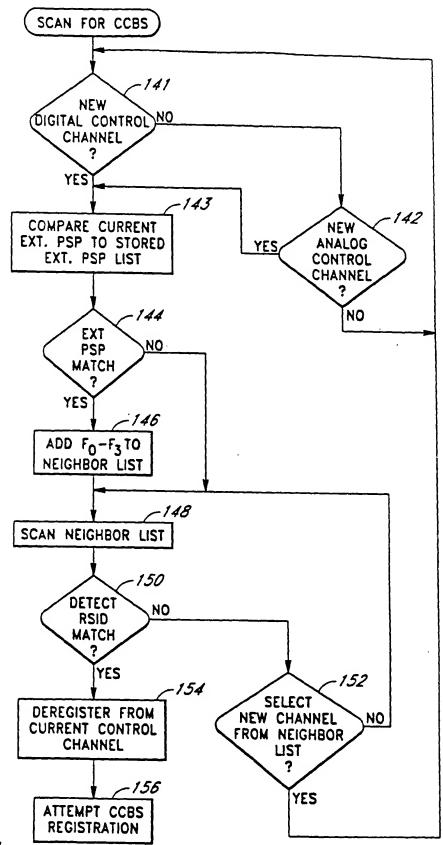


FIG.11

Title: CORDLESS CELLULAR SYSTEM
Inventor(s): RAFFEL, et al.
Express Mail Label No.: EL979742633US

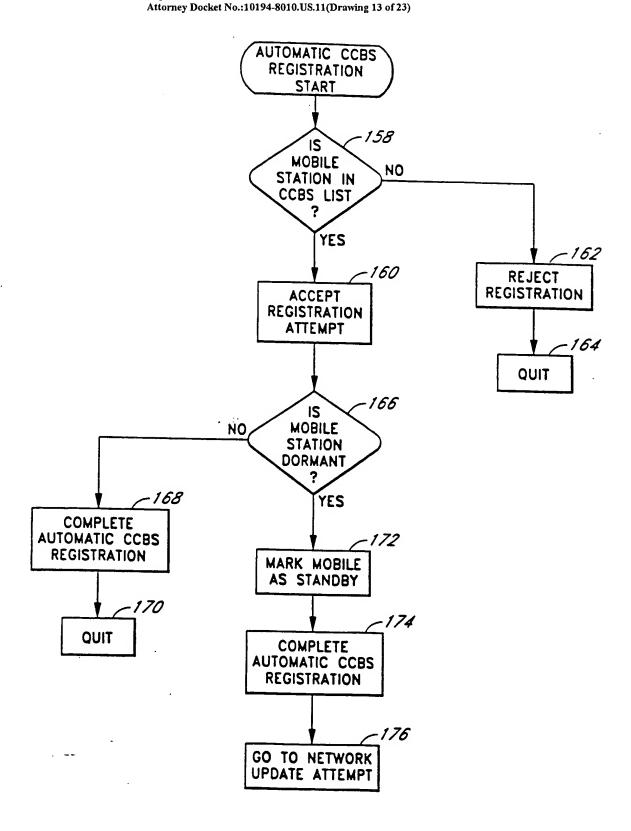
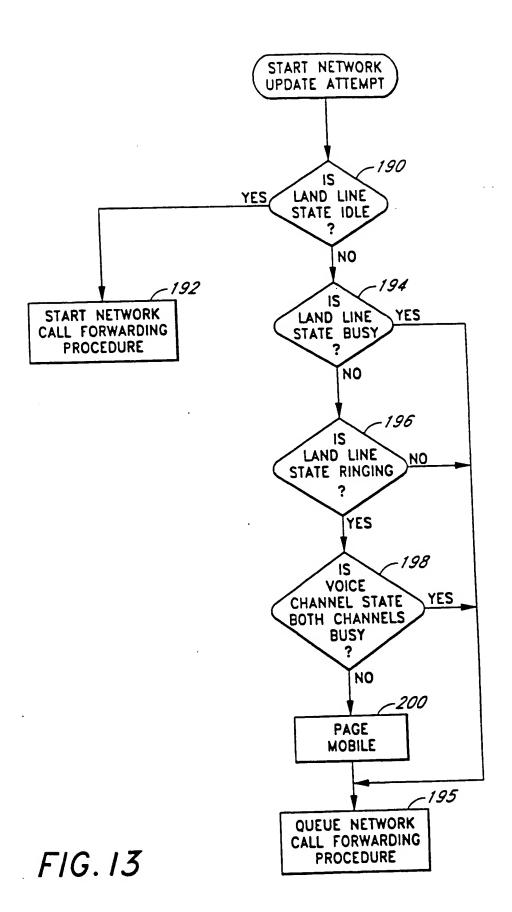


FIG. 12



Inventor(s): RAFFEL, et al.

Express Mail Label No.: EL979742633US

Attorney Docket No.:10194-8010.US.11(Drawing 15 of 23)

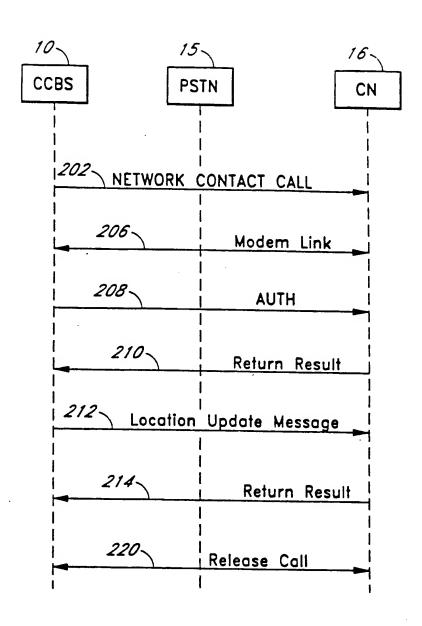


FIG. 14a

<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al.

Express Mail Label No.: EL979742633US

Attorney Docket No.:10194-8010.US.11(Drawing 16 of 23)

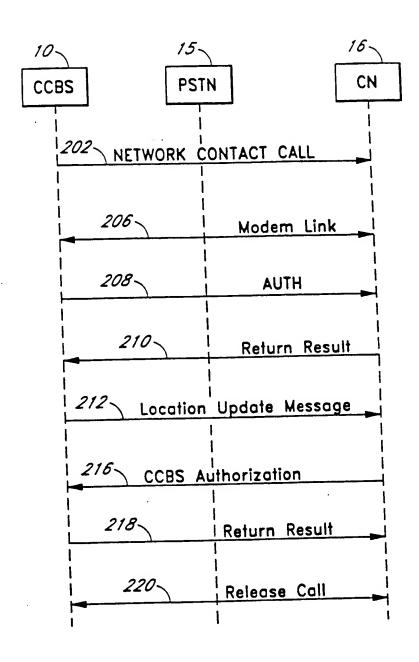
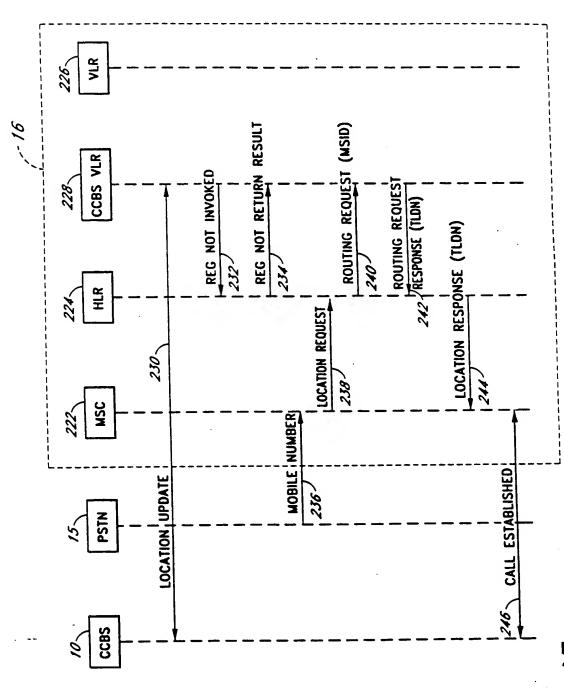


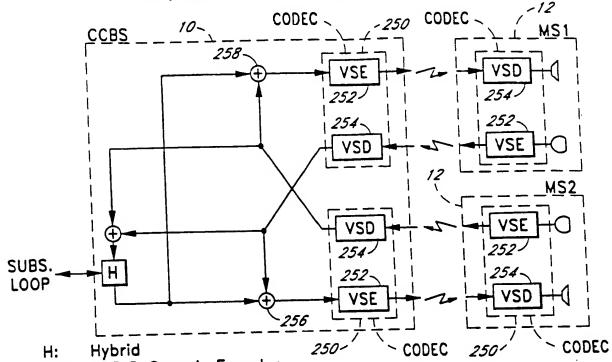
FIG. 14b

<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 17 of 23)



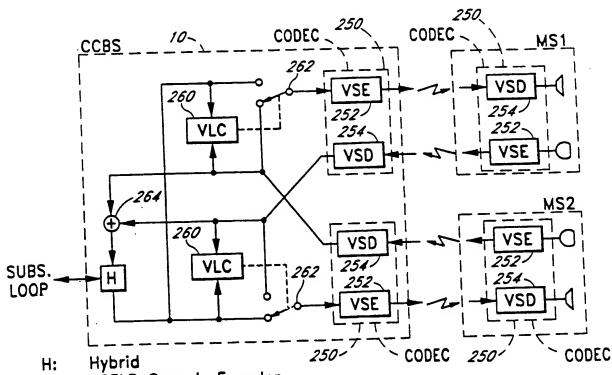
<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al.

Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 18 of 23)



VSE: VSELP Speech Encoder VDE: VSELP Speech Decoder

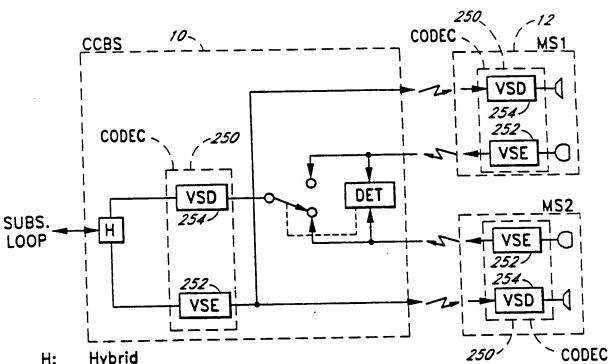
FIG. 16



VSE: VSELP Speech Encoder VDE: VSELP Speech Decoder VLC: Voice Level Comparator

FIG. 17

<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 19 of 23)



H: Hybrid VSE: VSELP Speech Encoder VDE: VSELP Speech Decoder DET: Voice Detector

FIG. 18

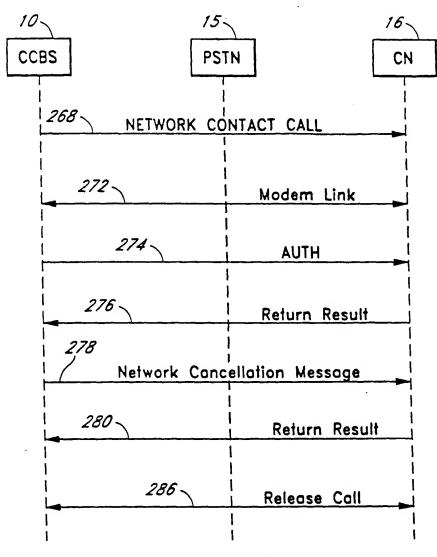


FIG. 19a

Inventor(s): RAFFEL, et al.

Express Mail Label No.: EL979742633US

Attorney Docket No.:10194-8010.US.11(Drawing 21 of 23)

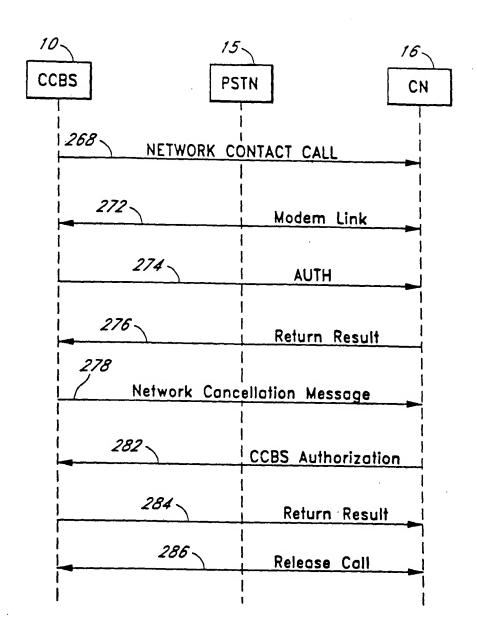
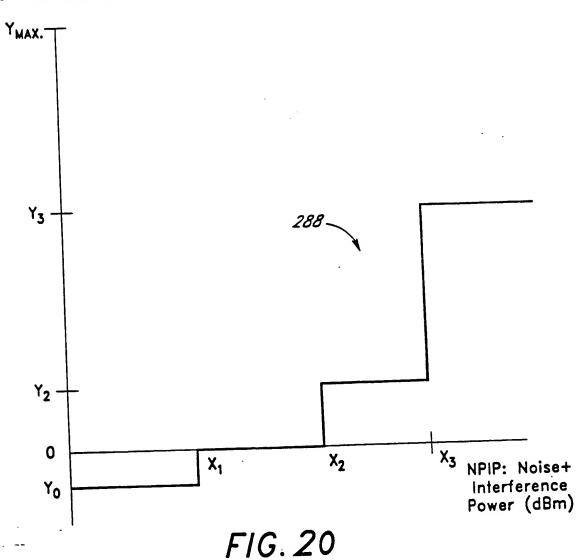


FIG. 19b

<u>Title</u>: CORDLESS CELLULAR SYSTEM Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 22 of 23)

Score Increments or Decrements



Inventor(s): RAFFEL, et al. Express Mail Label No.: EL979742633US Attorney Docket No.:10194-8010.US.11(Drawing 23 of 23)

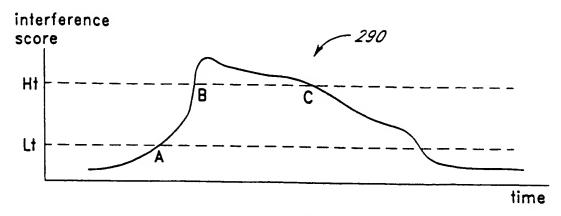


FIG. 21

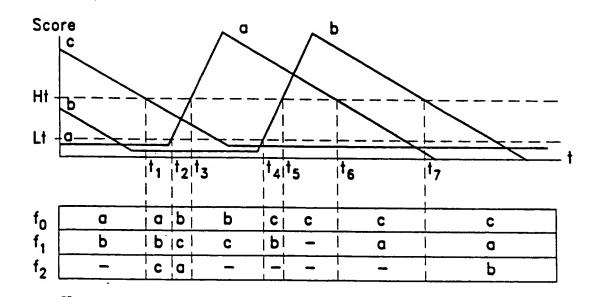


FIG. 22